

Alejandro J Madrigal

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,135
citations

361296

20
h-index

233338

45
g-index

50
all docs

50
docs citations

50
times ranked

3528
citing authors

#	ARTICLE	IF	CITATIONS
1	One million haemopoietic stem-cell transplants: a retrospective observational study. <i>Lancet Haematology</i> , 2015, 2, e91-e100.	2.2	329
2	The role of V α 2-negative $\gamma\delta$ T cells during cytomegalovirus reactivation in recipients of allogeneic stem cell transplantation. <i>Blood</i> , 2010, 116, 2164-2172.	0.6	173
3	HLA-C expression levels define permissible mismatches in hematopoietic cell transplantation. <i>Blood</i> , 2014, 124, 3996-4003.	0.6	146
4	Interaction between natural killer cells and regulatory T cells: perspectives for immunotherapy. <i>Cellular and Molecular Immunology</i> , 2013, 10, 222-229.	4.8	139
5	Isolation and expansion of cytomegalovirus-specific cytotoxic T lymphocytes to clinical scale from a single blood draw using dendritic cells and HLA-tetramers. <i>Blood</i> , 2001, 98, 505-512.	0.6	132
6	The unique profile of cord blood natural killer cells balances incomplete maturation and effective killing function upon activation. <i>Human Immunology</i> , 2012, 73, 248-257.	1.2	124
7	Unrelated umbilical cord blood transplants in adults: Early recovery of neutrophils by supportive co-transplantation of a low number of highly purified peripheral blood CD34 + cells from an HLA-haploidentical donor. <i>Experimental Hematology</i> , 2003, 31, 535-544.	0.2	120
8	Quantitative and qualitative differences in use and trends of hematopoietic stem cell transplantation: a Global Observational Study. <i>Haematologica</i> , 2013, 98, 1282-1290.	1.7	110
9	Comparison between antithymocyte globulin and alemtuzumab and the possible impact of KIR-ligand mismatch after dose-reduced conditioning and unrelated stem cell transplantation in patients with multiple myeloma. <i>British Journal of Haematology</i> , 2005, 129, 631-643.	1.2	109
10	Expression levels of MHC class I molecules are inversely correlated with promiscuity of peptide binding. <i>ELife</i> , 2015, 4, e05345.	2.8	107
11	Generation of natural killer cells from hematopoietic stem cells in vitro for immunotherapy. <i>Cellular and Molecular Immunology</i> , 2012, 9, 310-320.	4.8	60
12	Transcription factors involved in the regulation of natural killer cell development and function: an update. <i>Frontiers in Immunology</i> , 2012, 3, 319.	2.2	43
13	Differential activation of cord blood and peripheral blood natural killer cells by cytokines. <i>Cytotherapy</i> , 2015, 17, 73-85.	0.3	39
14	The use of granulocyte colony-stimulating factor in volunteer unrelated hemopoietic stem cell donors. <i>Transfusion</i> , 2008, 48, 1495-1501.	0.8	33
15	Differential Pathways Govern CD4+CD28 ^{hi} T Cell Proinflammatory and Effector Responses in Patients with Coronary Artery Disease. <i>Journal of Immunology</i> , 2008, 181, 5233-5241.	0.4	31
16	Short tandem repeat (STR) haplotypes in HLA: an integrated 50-kb STR/linkage disequilibrium/gene map between the RING3 and HLA-B genes and identification of STR haplotype diversification in the class III region. <i>European Journal of Human Genetics</i> , 2001, 9, 590-598.	1.4	30
17	Immunoglobulin heavy-chain gene rearrangement in adult acute lymphoblastic leukemia reveals preferential usage of JH-proximal variable gene segments. <i>Blood</i> , 2001, 97, 2716-2726.	0.6	28
18	Frozen Cord Blood Hematopoietic Stem Cells Differentiate into Higher Numbers of Functional Natural Killer Cells In Vitro than Mobilized Hematopoietic Stem Cells or Freshly Isolated Cord Blood Hematopoietic Stem Cells. <i>PLoS ONE</i> , 2014, 9, e87086.	1.1	28

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19	Vitamin D: is it important in haematopoietic stem cell transplantation? A review. <i>Bone Marrow Transplantation</i> , 2019, 54, 810-820.	1.3	28
20	Individual Quality Assessment of Autografting by Probability Estimation for Clinical Endpoints: A Prospective Validation Study from the European Group for Blood and Marrow Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 1670-1676.	2.0	26
21	Differential effects of mycophenolate mofetil and cyclosporine A on peripheral blood and cord blood natural killer cells activated with interleukin-2. <i>Cytotherapy</i> , 2014, 16, 1409-1418.	0.3	21
22	High purity and yield of natural Tregs from cord blood using a single step selection method. <i>Journal of Immunological Methods</i> , 2008, 339, 228-235.	0.6	20
23	HLA-B Leader and Survivorship after HLA-Mismatched Unrelated Donor Transplantation. <i>Blood</i> , 2020, 136, 362-369.	0.6	20
24	Multiple Unit Pooled Umbilical Cord Blood is a Viable Source of Therapeutic Regulatory T Cells. <i>Transplantation</i> , 2013, 95, 85-93.	0.5	19
25	The prevention and treatment of cytomegalovirus infection in haematopoietic stem cell transplantation. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1481-1488.	2.0	18
26	HLA-A3 increases and HLA-DR1 decreases the risk of acute graft-versus-host disease after HLA-matched sibling bone marrow transplantation for chronic myelogenous leukaemia. <i>British Journal of Haematology</i> , 2001, 114, 36-41.	1.2	17
27	Insights Into the Role of Vitamin D as a Biomarker in Stem Cell Transplantation. <i>Frontiers in Immunology</i> , 2020, 11, 966.	2.2	17
28	Evaluation of the Spanish population coverage of a prospective HLA haplobank of induced pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 233.	2.4	15
29	Cord Blood Lin ⁺ CD45 ⁺ Embryonic-Like Stem Cells Are a Heterogeneous Population That Lack Self-Renewal Capacity. <i>PLoS ONE</i> , 2013, 8, e67968.	1.1	15
30	Point-Counterpoint: Haploidentical Family Donors versus Cord Blood Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2011, 17, S89-S93.	2.0	13
31	Immunogenetic factors in donors and patients that affect the outcome of hematopoietic stem cell transplantation. <i>Blood Cells, Molecules, and Diseases</i> , 2008, 40, 40-43.	0.6	12
32	BCR/ABL-specific CD8+ T cells can be detected from CML patients, but are only expanded from healthy donors. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1449-1457.	2.0	12
33	Use of the HLA-B leader to optimize cord blood transplantation. <i>Haematologica</i> , 2021, 106, 3107-3114.	1.7	12
34	Natural Killer Cells Improve Hematopoietic Stem Cell Engraftment by Increasing Stem Cell Clonogenicity In Vitro and in a Humanized Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0138623.	1.1	11
35	Linkage of Patr-AL to Patr-A and -B in the major histocompatibility complex of the common chimpanzee (Pan troglodytes). <i>Immunogenetics</i> , 2002, 54, 212-215.	1.2	10
36	Regulatory T cells inhibit CD34+ cell differentiation into NK cells by blocking their proliferation. <i>Scientific Reports</i> , 2016, 6, 22097.	1.6	10

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37	Clinical Grade Production of Wilmsâ€™ Tumor-1 Loaded Cord Blood-Derived Dendritic Cells to Prevent Relapse in Pediatric AML After Cord Blood Transplantation. <i>Frontiers in Immunology</i> , 2020, 11, 559152.	2.2	9
38	HLA mismatches and hematopoietic cell transplantation: structural simulations assess the impact of changes in pep-tide binding specificity on transplant outcome. <i>Immunome Research</i> , 2011, 7, 4.	0.1	9
39	HLA-B typing by reference strand mediated conformation analysis using a capillary-Based semiautomated genetic analyzer. <i>Human Immunology</i> , 2001, 62, 414-418.	1.2	8
40	Sociodemographic and psychological determinants of influenza vaccine intention among recipients of autologous and allogeneic haematopoietic stem cell transplant: a cross-sectional survey of UK transplant recipients using a modified health belief model. <i>BMJ Open</i> , 2018, 8, e021222.	0.8	8
41	The Effects of CAMPATH-1H on Cell Viability Do Not Correlate to the CD52 Density on the Cell Surface. <i>PLoS ONE</i> , 2014, 9, e103254.	1.1	8
42	Soluble HLA/peptide monomers cross-linked with co-stimulatory antibodies onto a streptavidin core molecule efficiently stimulate antigen-specific T cell responses. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1459-1470.	2.0	5
43	Unique Effects of Mycophenolate Mofetil on Cord Blood T Cells. <i>Transplantation</i> , 2014, 97, 870-878.	0.5	5
44	Umbilical Cord Blood Cytomegalovirus Serostatus Does Not Have an Impact on Outcomes of Umbilical Cord Blood Transplantation for Acute Leukemia. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 1729-1735.	2.0	2
45	A comparison of viral microneutralization and haemagglutination inhibition assays as measures of seasonal inactivated influenza vaccine immunogenicity in the first year after reduced intensity conditioning, lymphocyte depleted allogeneic haematopoietic stem cell transplant. <i>Vaccine</i> , 2019, 37, 452-457.	1.7	2
46	Immunotherapy with alloreactive T-cells?. <i>The Hematology Journal</i> , 2004, 5, S91-S95.	2.0	1
47	Variations in provision of psychological care to hematopoietic cell transplant recipients: results of a national survey of UK transplant centers. <i>Bone Marrow Transplantation</i> , 2022, 57, 1586-1588.	1.3	1